

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	focused hypersonic communication.ti.	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:29
S2	2065	hypersonic or (hyper sonic)	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:20
S3	28553	(hypersonic or (hyper sonic) or (super sonic) or supersonic)	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:21
S4	2388	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and phase and wave\$4 and (@rlad<"20040316" or @ad< "20040316")	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:26
S5	8	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and phase and wave\$4 and (@rlad<"20040316" or @ad< "20040316") and ping	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:26
S6	11	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and phase and wave\$4 and (@rlad<"20040316" or @ad< "20040316") and ping\$4	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:31
S7	1413	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and phase and wave\$4 and (@rlad<"20040316" or @ad< "20040316") and frequenc\$3	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:28
S8	588	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and phase and wave\$4 and (@rlad<"20040316" or @ad< "20040316") and frequenc\$3 and foc\$5	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:33

S9	433	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and foc\$5 and (sensor or transducer or microphone)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:36
S10	373	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and foc\$5 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4 or divert\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:38
S11	357	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and foc\$5 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:44
S12	257	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and foc\$5 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or music or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:45
S13	256	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and foc\$5 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:45

S14	256	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and foc\$5 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:47
S15	147	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and foc\$5 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 10:53
S16	13	((hypersonic or (hyper sonic) or (super sonic) or supersonic)).ab. and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:00
S17	24	((hypersonic or (hyper sonic) or (super sonic) or supersonic)).ab. and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:14
S18	2	("5889870").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/10/16 11:00

S19	53	("1616639" "1951669" "2461344" "3012222" "3398810" "3612211" "3613069" "3641421" "3710332" "3723957" "3742433" "3836951" "4207571" "4245136" "4378596" "4418404" "4593160" "4823908" "4991148" "5317543" "5357578").PN. OR ("5889870").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/16 11:01
S20	346	((hypersonic or (hyper sonic) or (super sonic) or supersonic or sonic)).ab. and (phase or delay) and wave\$4 and (@rlad<"20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:15
S21	265	((hypersonic or (hyper sonic) or (super sonic) or supersonic or sonic)).ab. and (phase or delay) and wave\$4 and (@rlad<"20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:34
S22	8	((hypersonic or (hyper sonic) or (super sonic) or supersonic or sonic)).ab. and (phase or delay) and wavelet and (@rlad<"20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:19

S23	272	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:35
S24	191	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) and (transmission or transmit) not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:36
S25	225	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) and (transmission or transmit\$4) not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:37
S26	41	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) and (transmission or transmit\$4). ab. not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:38

S27	41	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible) and (transmission or transmit\$4). ab. not vehicle not car not automobile	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 11:44
S28	97	(hypersonic or (hyper sonic)) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 13:17
S29	9	("5159703" "5889870"). PN. OR ("6052336").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/16 11:53
S30	96	(hypersonic or (hyper sonic)) and (phase or delay) and wave\$4 and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker) and reflect\$4 and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 12:18
S31	19	(hypersonic or (hyper sonic)) and (phase or delay) and wavelet and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker) and reflect\$4 and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 12:18

S32	96	(hypersonic or (hyper sonic)) and (phase or delay) and wave\$4 and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker) and reflect\$4 and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 13:18
S33	97	(hypersonic or (hyper sonic)) and (phase or delay) and wave\$4 and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter) and reflect\$4 and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 14:50
S34	33	("2064911" "3908095" "4233477").PN. OR ("4823908").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/16 14:15
S35	23	("3239799" "3723962" "3881056" "4037052" "4586195" "4703462" "4739860" "4796726" "4823908" "5007091" "5233664" "5452364" "5526433" "5600727" "5901232" "6011855" "6186004").PN. OR ("6556687").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/16 14:50
S36	50	(hypersonic or (hyper sonic)) and (phase or delay) and wave\$4 and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter) and reflect\$4 and (audio or sound or acoustic or audible) and focused	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:00

S37	19	(hypersonic or (hyper sonic)) and (phase or delay) and wavelet and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter) and reflect\$4 and (audio or sound or acoustic or audible) and focused	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 14:58
S38	50	(hypersonic or (hyper sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter) and reflect\$4 and (audio or sound or acoustic or audible) and focused	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:00
S39	5	(hypersonic or (hyper sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter) and reflect\$4 and (audio or sound or acoustic or audible) and focused not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:01
S40	27	(hypersonic or (hyper sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter) and reflect\$4 and (audio or sound or acoustic or audible) not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:03
S41	49	(hypersonic or (hyper sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and reflect\$4 and (audio or sound or acoustic or audible) not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:03

S42	61	(hypersonic or (hyper sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:09
S43	143	(hypersonic or (hyper sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:09
S44	61	(hypersonic or (hyper sonic) or (hyper-sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:10
S45	649	(hypersonic or (hyper sonic) or (hyper-sonic) or (super sonic) or supersonic) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:12
S46	394	(hypersonic or (hyper sonic) or (hyper-sonic) or (super sonic) or supersonic) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:12

S47	394	(hypersonic or (hyper sonic) or (super-sonic) or (super sonic) or supersonic) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:13
S48	394	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:14
S49	358	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 not vehicle	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:15
S50	142	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 not vehicle not optic \$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:44

S51	5055	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 not vehicle not optic \$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:48
S52	2045	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 not vehicle not optic \$4 and foc\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 16:03
S53	20	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 not vehicle not optic \$4 and foc\$4 and ping\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 15:52
S54	14	("4305296" "4566459" "4633308" "4733562" "4926872" "4974558" "5143075" "5148810" "5263004" "5322068" "5417217" "5997479" "6106472" "6146329").PN. OR ("6293912").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/16 15:54

S55	2045	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 and foc\$4 not vehicle not optic\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 16:05
S56	1077	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 and foc\$4 not vehicle not optic\$4 not "600". clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 16:07
S57	561	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 and foc\$4 not vehicle not optic\$4 not "600". clas. not ink not tissue	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/17 17:40

S58	435	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 and foc\$4 and (room or space or dimension \$3 or coordinate) not vehicle not optic\$4 not "600".clas. not ink not tissue	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 16:33
S59	206	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 and foc\$4 and (band or sideband) not vehicle not optic\$4 not "600".clas. not ink not tissue	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 18:21
S60	20	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and reflect\$4 and wave\$4 and foc\$4 and sideband not vehicle not optic\$4 not "600".clas. not ink not tissue	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/16 18:05

S61	2	("6850623").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/10/17 11:40
S62	0	("2005/0195985").URPN.	USPAT	ADJ	ON	2007/10/17 11:45
S63	2	("6850623").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/10/17 11:45
S64	2	("20050244016").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/10/17 11:47
S65	4	("3239799").URPN.	USPAT	ADJ	ON	2007/10/17 16:46
S66	205	(parametric loudspeaker) or (parametric speaker) and (@rlad<"20040316" or @ad<"20040316")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/17 17:40
S67	197	((parametric loudspeaker) or (parametric speaker)) and (@rlad<"20040316" or @ad<"20040316")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/17 17:42
S68	161	((parametric loudspeaker) or (parametric speaker)) and (@rlad<"20040316" or @ad<"20040316") and (supersonic or ultrasonic or hypersonic or (super sonic) or (hyper sonic) or (ultra sonic))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 11:03
S69	2	("6584205").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 10:32
S70	86	((parametric loudspeaker) or (parametric speaker)) and (@rlad<"20040316" or @ad<"20040316") and (supersonic or ultrasonic or hypersonic or (super sonic) or (hyper sonic) or (ultra sonic)) and (phase or delay)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 11:19

S71	76	((parametric loudspeaker) or (parametric speaker)) and (@rlad<"20040316" or @ad<"20040316") and (supersonic or ultrasonic or hypersonic or (super sonic) or (hyper sonic) or (ultra sonic)) and (phase or delay) and wave\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 11:19
S72	2	"6556687".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:30
S73	1	1999-547481.NRAN.	DERWENT	ADJ	ON	2007/10/18 14:30
S74	23	("3239799" "3723962" "3881056" "4037052" "4586195" "4703462" "4739860" "4796726" "4823908" "5007091" "5233664" "5452364" "5526433" "5600727" "5901232" "6011855" "6186004").PN. OR ("6556687").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/18 14:33
S75	0	"09253729".ap.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/18 14:33
S76	0	"09253729".app.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/18 14:33
S77	0	("9253729").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:34
S78	3087	manabe.in.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:34
S79	11	manabe koji.in.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:34
S80	37	("3810082" "4247900" "4252026" "4254662" "4325257" "4448075" "4505156" "4553437" "4604697" "4611494").PN. OR ("4733562").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/18 14:40

S81	8	("4823908" "5159703" "5412734" "5859915" "6052336" "6229899").PN. OR ("6678381").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/18 15:08
S82	0	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and (frequency select\$4) and echo\$2 and foc \$ not vehicle not optic\$4 not "600".clas. not ink not tissue	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 18:23
S83	30	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and (frequency select\$4) and echo\$2 and foc \$ not vehicle not optic\$4 not "600".clas. not ink not tissue	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 18:49
S84	63	("3911730" "4041442" "4140022" "4528854" "4550606" "4550607" "4662223" "4730495" "4733562" "4917097" "4945915" "4949310" "5027820" "5188114" "5229933" "5249578" "5267221" "5307815" "5315999" "5322067" "5345426" "5349262" "5462057" "5469851" "5522391" "5538004" "5573001" "5590658" "5678552").PN. OR ("5997479").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/18 18:42

S85	115	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and (frequency select\$4) and echo\$2 and foc \$ not vehicle not optic\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 09:30
S86	45	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and (frequency select\$4) and echo\$2 and foc \$ not vehicle not optic\$4 not doppler	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 08:32
S87	498	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and (frequency select\$4) not vehicle not optic\$4 not doppler	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 07:56

S88	53	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and ((frequency select\$4) same noise) not vehicle not optic\$4 not doppler	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 07:56
S89	1405	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and (frequency select\$4)	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 08:53
S90	464	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (transducer or microphone or speaker or loudspeaker) and (audio or sound or audible) and (frequency select\$4) not optic\$4	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 08:54
S91	40	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (transducer or microphone or speaker or loudspeaker) and (audio or sound or audible) and ((frequency select\$4) same (noise or environment)) not	US_PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 09:06

		optic\$4				
S92	54	high frequency microphone	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 09:07
S93	5006	(frequency near3 microphone) and frequency	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 09:07
S94	1730	(frequency near3 microphone) and frequency and (@rlad< "20040316" or @ad< "20040316") and (delay or phase)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 09:08
S95	7129	(frequency near3 microphone) and frequency and (@rlad< "20040316" or @ad< "20040316") and (delay or phase) and ultraso \$4 or (ultra-so\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 09:09
S96	240	(frequency near3 microphone) and frequency and (@rlad< "20040316" or @ad< "20040316") and (delay or phase) and (ultraso \$4 or (ultra-so\$4))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 09:09
S97	1627	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic)) and (phase or delay) and (@rlad< "20040316" or @ad< "20040316") and frequenc\$3 and (sensor or transducer or microphone or speaker or loudspeaker or emitter or transmit\$4) and (audio or sound or acoustic or audible) and echo\$2 and foc\$ not vehicle not optic\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/22 09:30
S98	185	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and "381".clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/26 14:44
S99	2	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and "381".clas. and "600".clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/26 14:45

S100	75073	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and "381".clas. or "600".clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/26 14:45
S101	2424	(hypersonic or (hyper sonic) or (super sonic) or supersonic) and "381".clas. or "600".clas. and (phase or delay) and wave\$4 and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and foc\$5 and (sensor or transducer or microphone) and (reflect\$4 or refract\$4) and (audio or sound or acoustic or audible)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/26 14:45
S102	211	381/387.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/26 14:46
S103	742	600/447.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/26 14:47
S104	25727	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak or gain)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 15:59
S105	5212	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak or gain)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 15:59

S106	80	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak or gain) and "381".clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:00
S107	74	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak) and "381".clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:32
S108	4878	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:34
S109	157	"340".clas. and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak) not S107	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:34
S110	125	"340".clas. and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak) and (audio or sound or acoustic or voice or speech) not S107	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:41

S111	3420	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak) and (audio or sound or acoustic or voice or speech) not S107 not S110	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:46
S112	1852	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak) and (audio or sound or acoustic or voice or speech) and (mix\$4 or modulate or modulated or modulation or demodulation or demodulate or de-modulate) not S107 not S110	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:49
S113	1211	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak) and (audio or sound or acoustic or voice or speech) and (modulate or modulated or modulation or demodulation or demodulate or de-modulate) not S107 not S110	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:50

S114	754	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic).ab. and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak) and (audio or sound or acoustic or voice or speech) and (modulate or modulated or modulation or demodulation or demodulate or de-modulate) not S107 not S110 not "600".clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 16:53
S115	308	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and (amplitude or peak) and "381".clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 17:03
S116	6	("5081995" "5341167" "5718227" "5740804" "5911692" "6052336").PN. OR ("7146011").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/12 17:04
S117	34	("3662371" "3688029" "3790891" "3828336" "3867715" "3942176" "3967260" "3980954" "4039999" "4068093" "4206449" "4236665" "4310854" "4319349" "4367458" "4432079" "4711152" "4821326" "5136555" "5159703").PN. OR ("5539705").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/12 17:09
S118	192	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and array and "381".clas.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 17:17

S119	144	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and array and "381".clas. not S107	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 17:17
S120	106	(hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic) and (phase or delay) and (@rlad<"20040316" or @ad<"20040316") and frequenc\$3 and array and "381".clas. not S107 not (hearing aid)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/12 17:17
S121	25	("20010007591" "20010043652" "20020012442" "20020106093" "20020131608" "20030031333" "4359944" "4515997" "4789801" "5020155" "5109416" "5404406" "5521981" "5596649" "5668884" "5781645" "5889870" "5949894" "5974152" "6016353" "6163613" "6263083" "6373955" "6434239").PN. OR ("7130430").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/12 17:28
S122	23	("3239799" "3723962" "3881056" "4037052" "4586195" "4703462" "4739860" "4796726" "4823908" "5007091" "5233664" "5452364" "5526433" "5600727" "5901232" "6011855" "6186004").PN. OR ("6556687").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/12 17:36

S123	25	("20010007591" "20010043652" "20020012442" "20020106093" "20020131608" "20030031333" "4359944" "4515997" "4789801" "5020155" "5109416" "5404406" "5521981" "5596649" "5668884" "5781645" "5889870" "5949894" "5974152" "6016353" "6163613" "6263083" "6373955" "6434239").PN. OR ("7130430").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 11:49
S124	44	381/77,92.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:01
S125	467	"381".clas. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. not S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:05
S126	83	"381".clas. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) not S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:06
S127	384	"381".clas. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. not S124 not S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:13

S128	77	"381".clas. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (scan \$5 or reflect\$4) not S124 not S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:14
S129	37	367/137.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) not S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:19
S130	9	("20030236461" "4271705" "5833614" "6117082" "6123671" "6157593" "6226228" "6243323" "6363033").PN. OR ("7215599").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:22
S131	49	367/87.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) not S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:24
S132	48	367/87.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) not S124 not S129	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:25
S133	12	("4739513" "4953219" "5481615" "5859915" "5889870" "5901978" "6052336" "6141432" "6359990" "6434239" "6474683" "6513833").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 13:28

S134	3570	"600".clas. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) not S124 not S129	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:31
S135	13	600/300.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) not S124 not S129	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:32
S136	476	600/447.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) not S124 not S129	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:34
S137	234	600/447.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) not S124 not S129	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:35
S138	6520	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) not S124 not S129 not S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:44

S139	4927	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and (speaker or loudspeaker or transducer) not S124 not S129 not S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:45
S140	4183	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and (speaker or loudspeaker or transducer) and (echo or scan\$6 or reflect\$5) not S124 not S129 not S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:47
S141	2406	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and (speaker or loudspeaker or transducer) and (echo or scan\$6 or reflect\$5) not S124 not S129 not S132 not "600".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:48

S142	2375	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and (speaker or loudspeaker or transducer) and (echo or scan\$6 or reflect\$5) not S124 not S129 not S132 not "600".clas. not "128".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 13:49
S143	1001	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and (speaker or loudspeaker or transducer) and (echo or scan\$6 or reflect\$5) and (modulat\$4 or demodulat\$4 or sideband or (side band) or mixing or heterodyning) not S124 not S129 not S132 not "600".clas. not "128".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 15:50
S144	33	("2785395" "3431550" "3634846" "3781772" "4166273" "4199244" "4199246" "4200378" "4242743").PN. OR ("4347590").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/15 11:48
S145	26	("2536771" "2724817" "3172075" "3337839" "3366922" "3594823" "3742433" "3794964" "3824531" "3918025" "4020446").PN. OR ("4310903").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/15 11:50

S146	235	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and scan\$ and (echo or reflect\$) and ("367".clas. or "381".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/15 12:00
S147	136	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and scan\$ and (echo or reflect\$) and ("367".clas. or "381".clas.) not (flow or flowing or flowmeter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/15 12:13
S148	13	("3295362" "3693415" "3919683").PN. OR ("4070642").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/15 12:50
S149	25	("20010007591" "20010043652" "20020012442" "20020106093" "20020131608" "20030031333" "4359944" "4515997" "4789801" "5020155" "5109416" "5404406" "5521981" "5596649" "5668884" "5781645" "5889870" "5949894" "5974152" "6016353" "6163613" "6263083" "6373955" "6434239").PN. OR ("7130430").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/15 13:10

S150	844	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and scan\$4 and (echo or reflect\$) not S147 not (flow or flowing or flowmeter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/15 13:13
S151	628	(@rlad<"20040316" or @ad<"20040316") and (hypersonic or (hyper sonic) or (super sonic) or supersonic or ultrasonic or (ultra sonic) or ultra-sonic or hyper-sonic or ultrasound or hyper-sonic).ab. and (phase or delay) and (audio or audible or sound or music or voice or speech) and scan\$4 and (echo or reflect\$) and (beam) not S147 not (flow or flowing or flowmeter) not printer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/15 13:14
S152	329	pompei.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/16 13:07
S153	11	pompei.in. and audio.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/16 13:08
S154	10	pompei.in. and audio.ti. and (modulat\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/16 13:34
S155	5	pompei.in. and audio.ti. and (modulat\$) and (delay or phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/16 13:34

S156	364	biegelsen.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:28
S157	3	biegelsen.in. and "381".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:29
S158	9	("20010007591" "20030185405" "20050152561" "4823908" "5859915" "5889870" "6577738" "6850623" "7130430").PN. OR ("7313242").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/25 14:30
S159	417	367/118-129.ccls. and (@rlad< "20040316" or @ad< "20040316") and (hyper\$sonic or ultra\$sonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:37
S160	0	("2001/0043510").URPN.	USPAT	ADJ	ON	2009/03/25 14:39
S161	1189	367/118-129,87-117;381/77- 80.ccls. and (@rlad< "20040316" or @ad< "20040316") and (hyper\$sonic or ultra\$sonic) and (audio or audible or sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:42
S162	23	("3239799" "3723962" "3881056" "4037052" "4586195" "4703462" "4739860" "4796726" "4823908" "5007091" "5233664" "5452364" "5526433" "5600727" "5901232" "6011855" "6186004").PN. OR ("6556687").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/25 14:47
S163	2815	367/87-129.ccls. and (@rlad< "20040316" or @ad< "20040316") and (hyper\$sonic or ultra\$sonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:55

S164	1051	367/87-129.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hyper\$sonic or ultra\$sonic) and ((ranging or detecting or scanning or detection) with (object or person or individual or listener or position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 14:57
S165	601	367/87-129.ccls. and (@rlad<"20040316" or @ad<"20040316") and (hyper\$sonic or ultra\$sonic) and ((ranging or detecting or scanning or detection) with (object or person or individual or listener or position)) and (phase or delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/25 15:05
S166	15	("3678452" "3774203").PN. OR ("4070643").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/25 15:17
S167	29	("3936791" "4180790" "4208916" "4334432" "4458533").PN. OR ("4542653").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/25 15:35

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